U. S. COAST GUARD
38
STORIS

USCG Cutter STORIS (WMEC-38)

Kodiak, Alaska

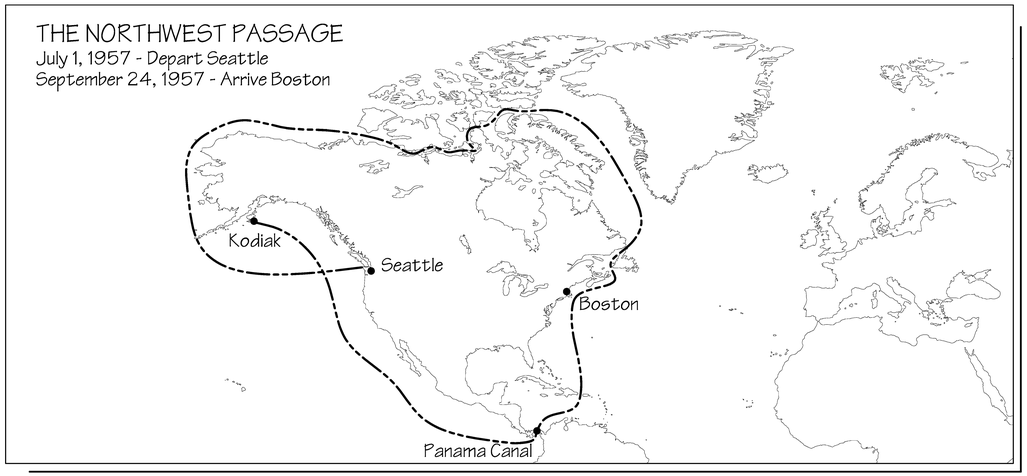
Commissioned 1942

The keel of USCGC STORIS (WMEC-38) was laid down on July 14, 1941. STORIS was launched on April 4, 1942 and commissioned on September 30, 1942 as an ice patrol tender. Initially assigned to the North Atlantic during World War II, STORIS participated in the Greenland Patrols. She was tasked with patrolling the east coast of Greenland to prevent the establishment of German weather stations. During her first years, STORIS operated in the very waters from which her name was derived. "STORIS" is a Scandinavian name taken from the Eskimo word "sirorssuit" meaning "great ice."

Following the war, STORIS' homeport was changed from Boston to Curtis Bay, Maryland. On September 15, 1948, STORIS was reassigned to Juneau, Alaska where she participated in the Bering Sea Patrol, which entailed delivering medical, dental and judicial services to isolated native villages in the far reaches of the territory. At the same time, STORIS assisted in establishing Alaskan LORAN radio-navigation stations, provided supplies for the Defense Early Warning System and conducted hydrographic surveys in the uncharted waters off the arctic.

On July 1, 1957, STORIS departed in company with the Coast Guard Cutters BRAMBLE and SPAR to search for a deep draft channel through the Arctic Ocean and to collect hydrographic information. This historic transit ended a 450-year search for the Northwest Passage - a route for large ships across the top of North America. Upon her return to Greenland waters, STORIS became the first U.S. registered vessel to circumnavigate the North American continent. Shortly after her return in late 1957, the STORIS was reassigned to her new homeport of Kodiak, Alaska.

USCGC *Storis* during Northwest Passage on 12 September 1957 (USCG Photograph)



SPECIFICATIONS:
Length: 230 feet
Beam: 43'-2" feet Displacement: 2030 tons
Power Plant: Diesel Electric, Single Screw
Armament: One (1) 25MM Gun
Two (2) .50 cal machine guns
Crew: 12 Officers; 74 Enlisted
Built by Toledo Shipbuilding Company
Commissioned: September 30, 1942

In 1972, STORIS underwent a major renovation converting her from a light icebreaker to a medium endurance cutter. With the change in designation, there also came a change in primary duties. STORIS' primary functions shifted to enforcing laws and treaties of the domestic and foreign fisheries in the Bering Sea and Gulf of Alaska. STORIS underwent another major maintenance overhaul in 1986 that replaced her power plant and expanded her living quarters to include a new berthing area and lounge for female crew members.

STORIS provided nearly seven decades of service to the nation, routinely patroling the Gulf of Alaska and the Bering Sea, she continued to perform her duties of enforcement of laws and treaties, search and rescue, homeland security, icebreaking, and military readiness with valor. Since 1991, STORIS held the distinction of being the oldest commissioned cutter in the Coast Guard fleet and bore the title "Queen of the Fleet" and proudly displayed her gold "38" hull numbers until decommissioning in 2007.

This project was prepared under the direction of HAER Maritime Program Coordinator, Todd Croteau and USCG Environmental Officer, Susan Hathaway. Brian Clayton, Contract Historian, prepared the historical narrative. Todd Croteau, generated vessel drawings from original Coast Guard records. Jet Lowe, HAER photographer, created large format photographs. Special thanks are given to Cmdr. Jim McCauley and the Crew, especially Ensign Josh Smith. Their help and assistance greatly benefited our project.

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US COAST GUARD STATION, WOMEN'S BAY
KODIAK ISLAND COUNTY
ALASKA
KODIAK
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HAER MARITIME RECORDING PROGRAM
NATIONAL PARK SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

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USCG Cutter STORIS (original drawings)

Kodiak, Alaska

Profile

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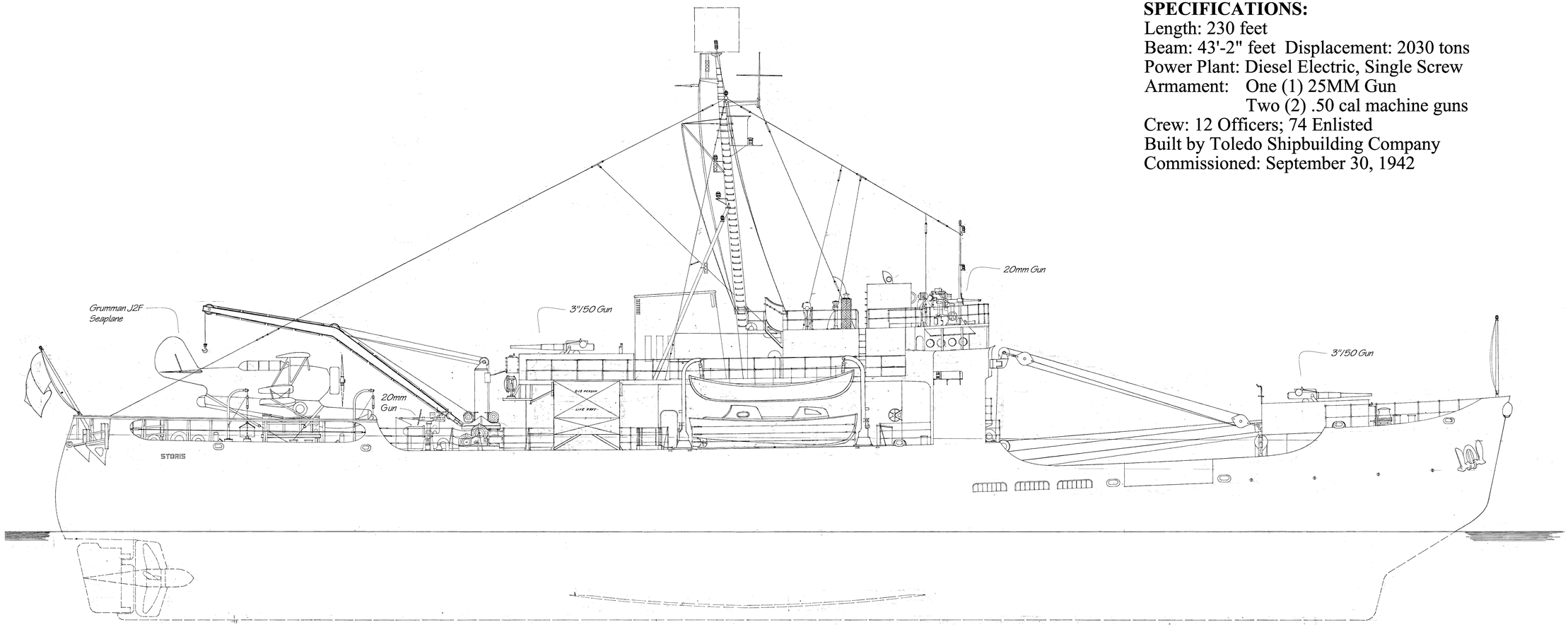

0 20 40 60 80 100 FEET 120 140 160 180 200 220

1/8"=1'-0"

0 10 20 METERS 30 40 50

1/8"=1'-0"

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USCG CUTTER STORIS (WMEC-38) - 1942
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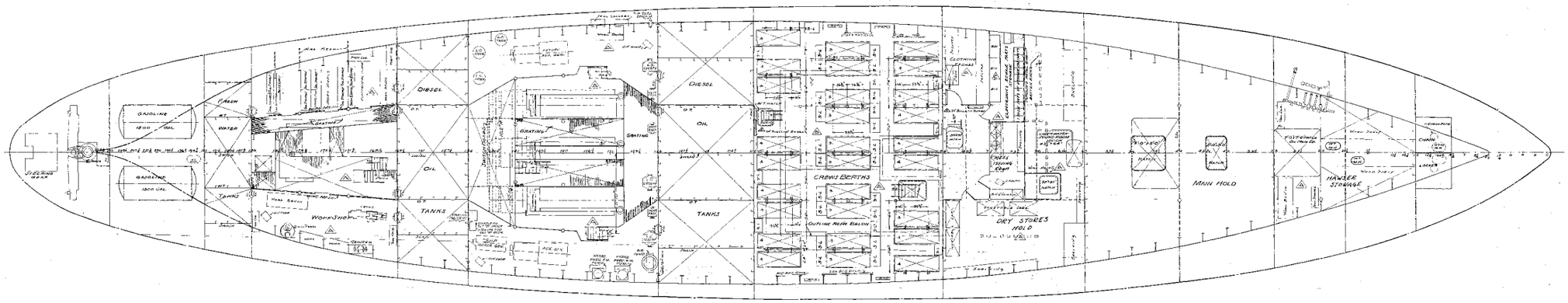
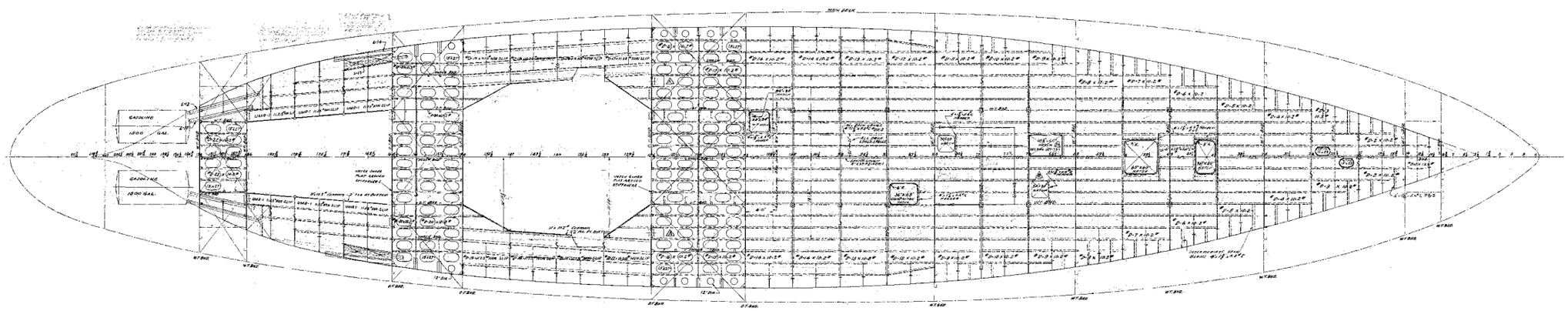
USCG Cutter STORIS (original drawings)

Kodiak, Alaska

Deck Plans



Second Deck



Second Deck Framing

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1/8"=1'-0"

0 10 20 METERS 30 40 50

1/8"=1'-0"

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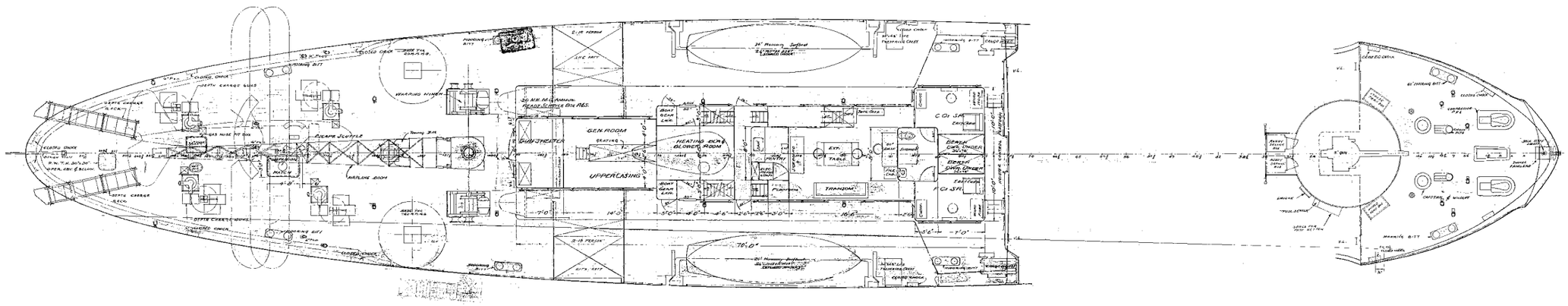
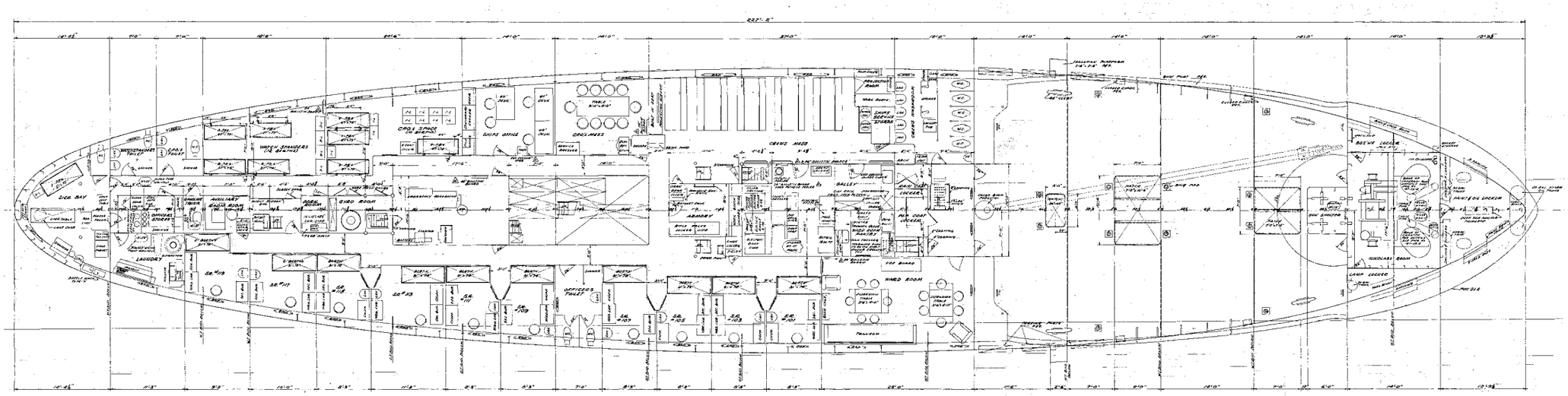
USCG Cutter STORIS (original drawings)

Kodiak, Alaska

Deck Plans



Upper Decks



Main Deck

0 20 40 60 80 100 FEET 120 140 160 180 200 220

1/8"=1'-0"

0 10 20 METERS 30 40 50

1/8"=1'-0"

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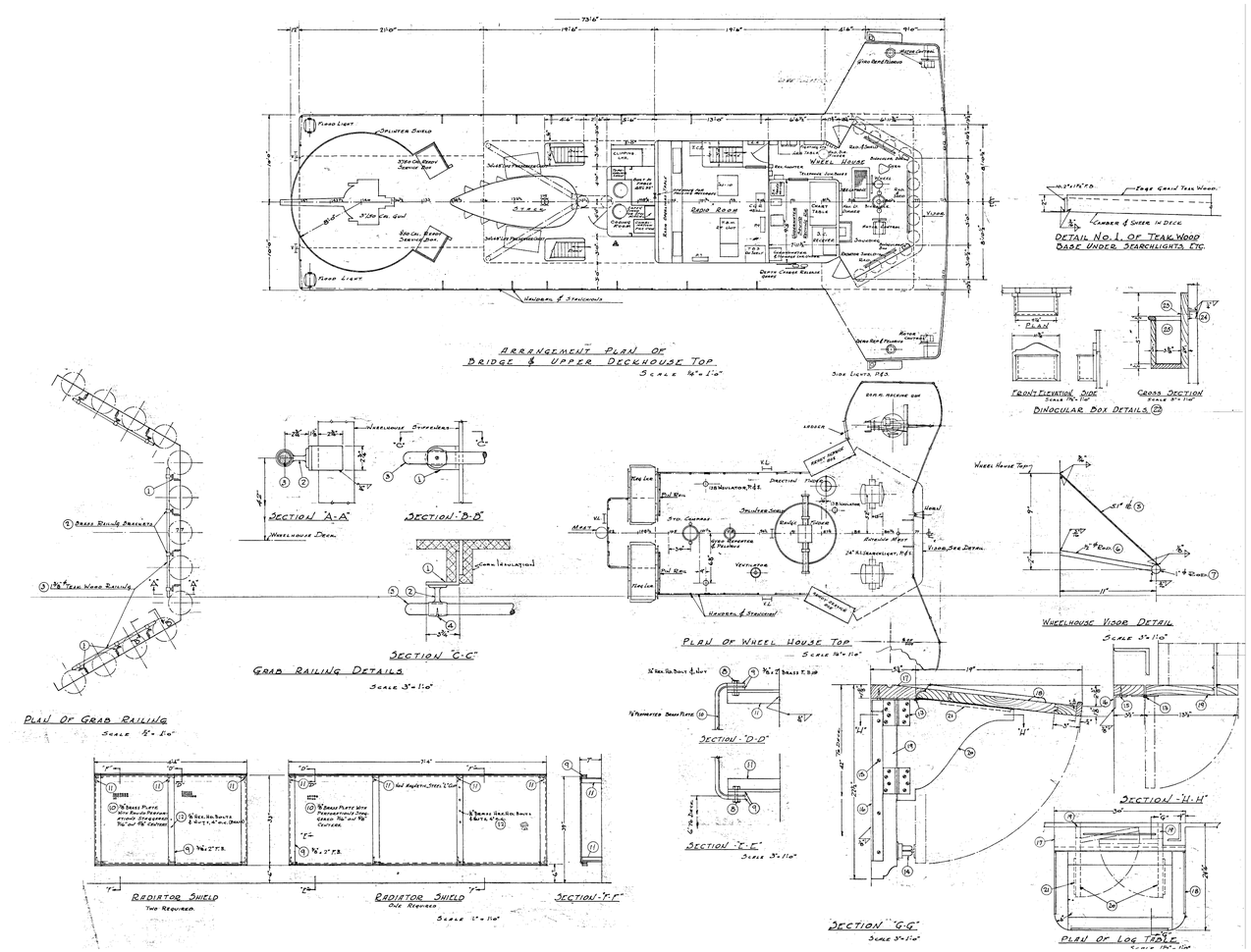
USCG Cutter STORIS (original drawings)

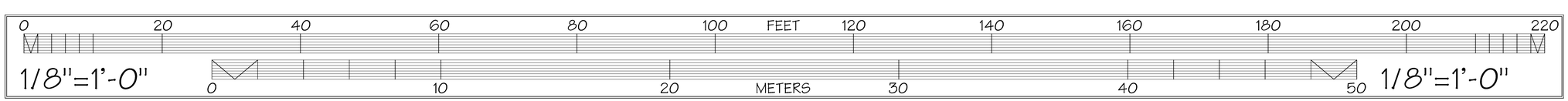
Kodiak, Alaska

Bridge Deck Plans



Bridge Deck

Wheelhouse Top



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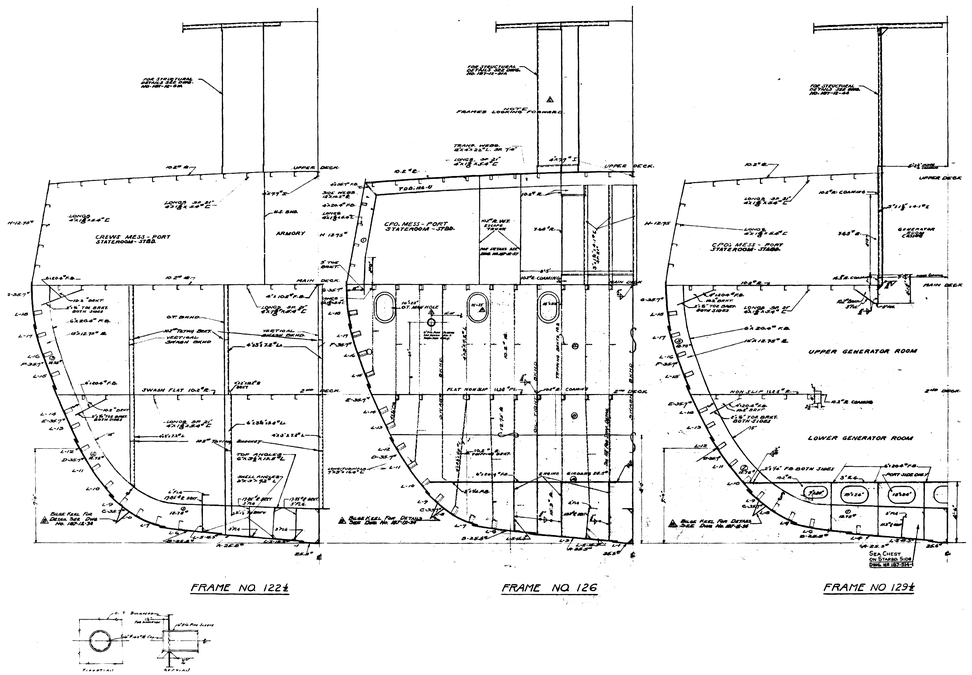
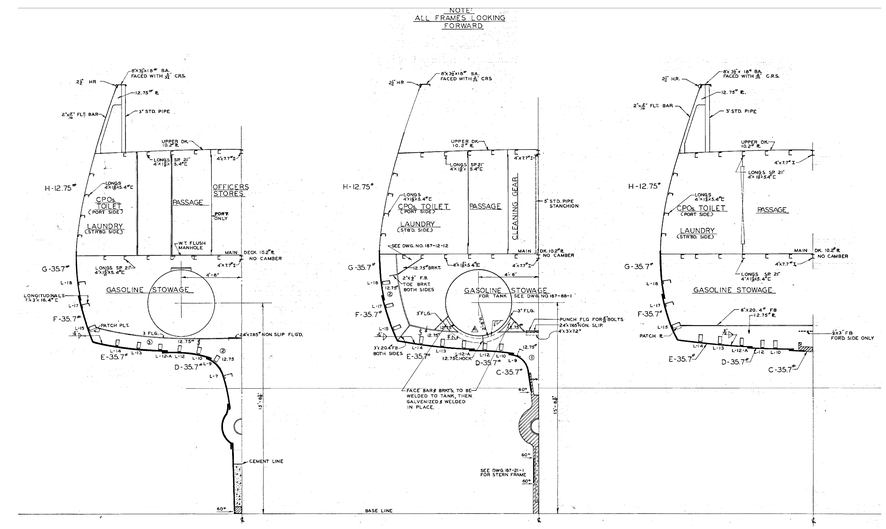
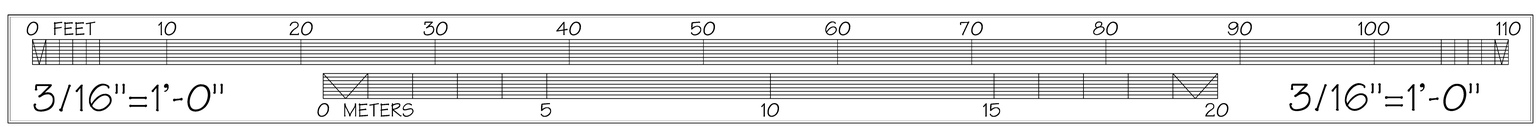
USCG Cutter STORIS (original drawings)

Cross Sections

Kodiak, Alaska







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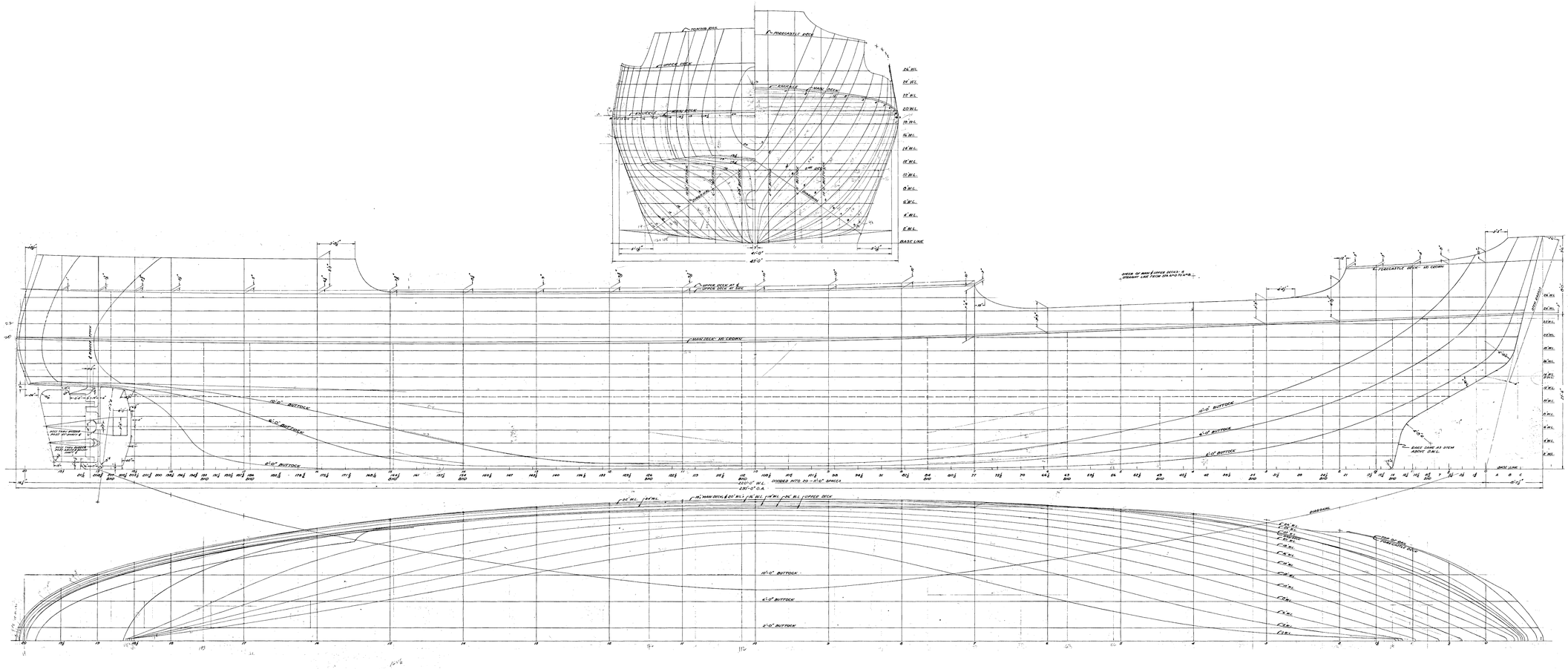
USCG Cutter STORIS (original drawings)

Lines Drawing

Kodiak, Alaska



0 20 40 60 80 100 FEET 120 140 160 180 200 220

1/8"=1'-0"

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1/8"=1'-0"

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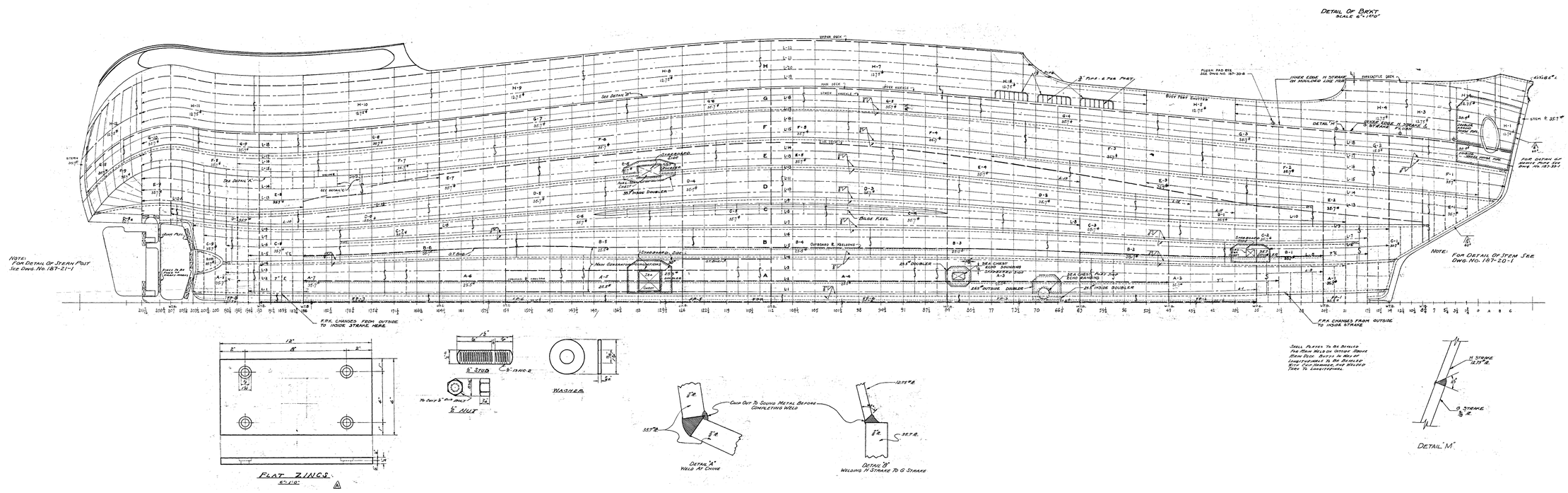
Shell Expansion

Kodiak, Alaska



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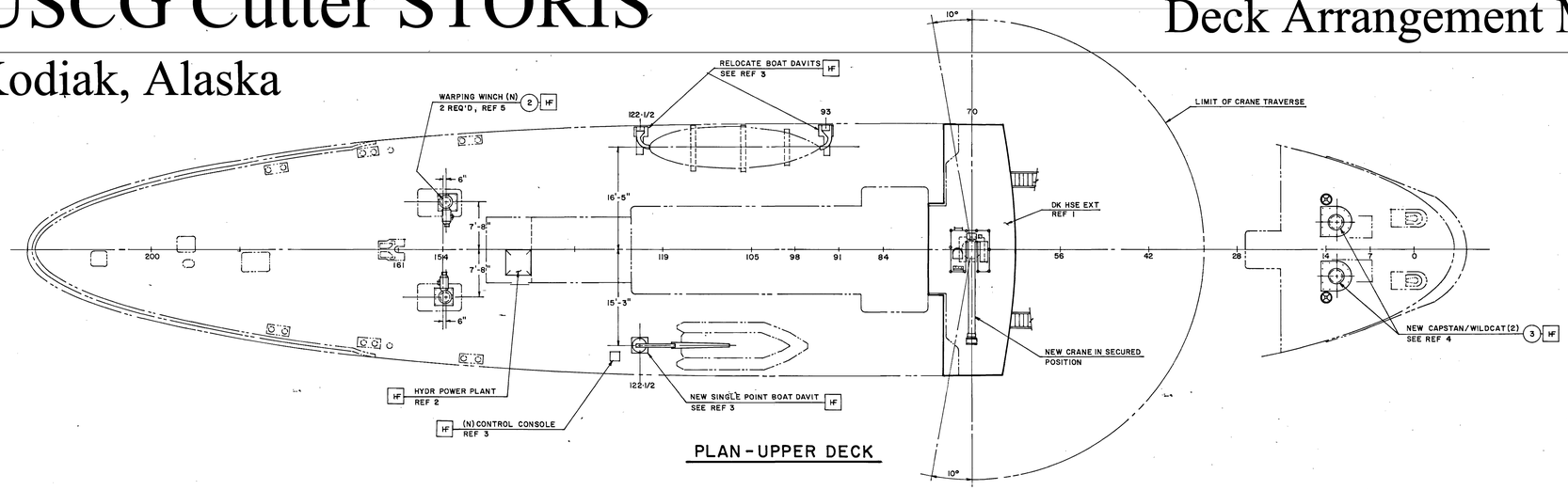
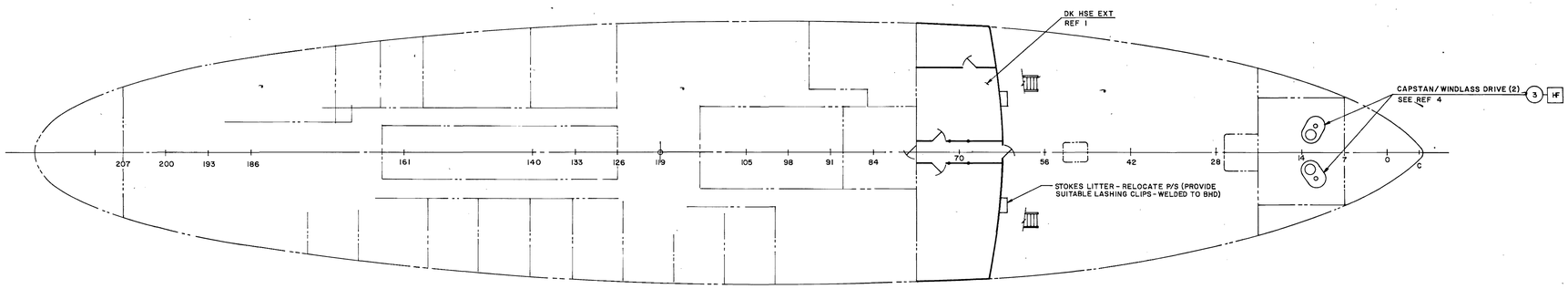
USCG Cutter STORIS

Kodiak, Alaska

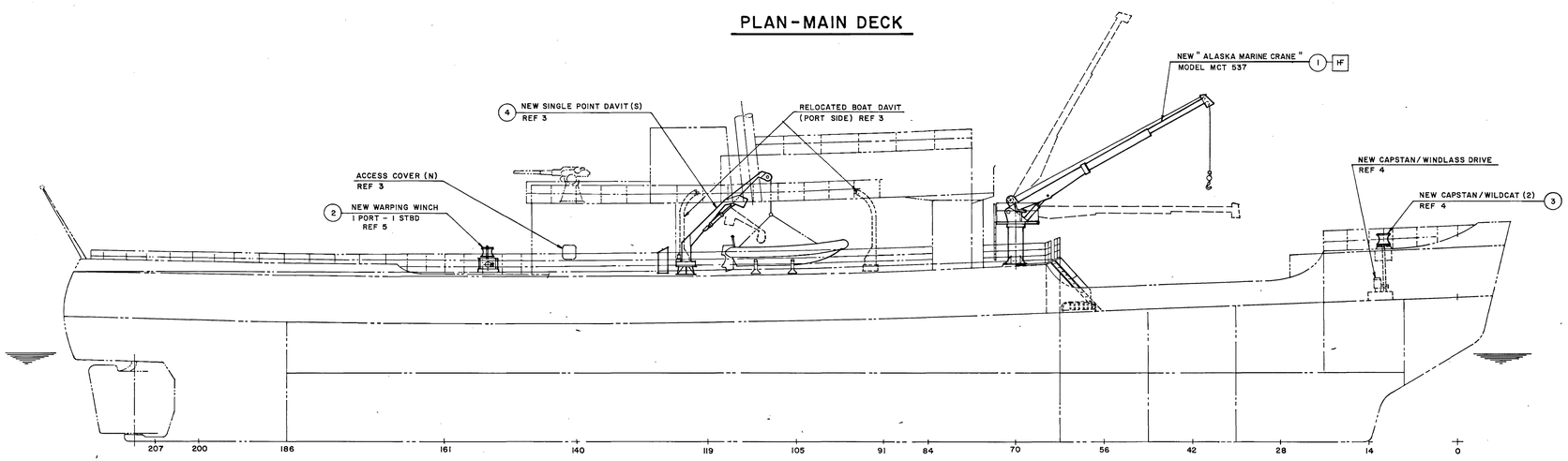
Deck Arrangement Modifications



PLAN-UPPER DECK



PLAN-MAIN DECK



OUTBOARD PROFILE

SCALE: 3/32" = 1'-0" 0 5 15 25 FEET
0 5 10 METERS

REVISION	DATE	APPD.	DESCRIPTION	BY

U.S. COAST GUARD HEADQUARTERS WASHINGTON D.C. 20593

NAVAL ENGINEERING

DESIGNED -
DRAWN -
TRACED -
CHECKED -
REVIEWED:
SUBMITTED:

USCGC STORIS WMEC 38

DECK ARRGT. MODS.
MAIN & UPPER DECKS

APPROVED DATE

Drawn by: SOUTHEAST GRAPHIC MEDIA Juneau, Alaska

C.G. DRAWING NO. 82 TE-0103-16 REV.
SCALE 1/8"=1'-0" SHEET 2 OF 2

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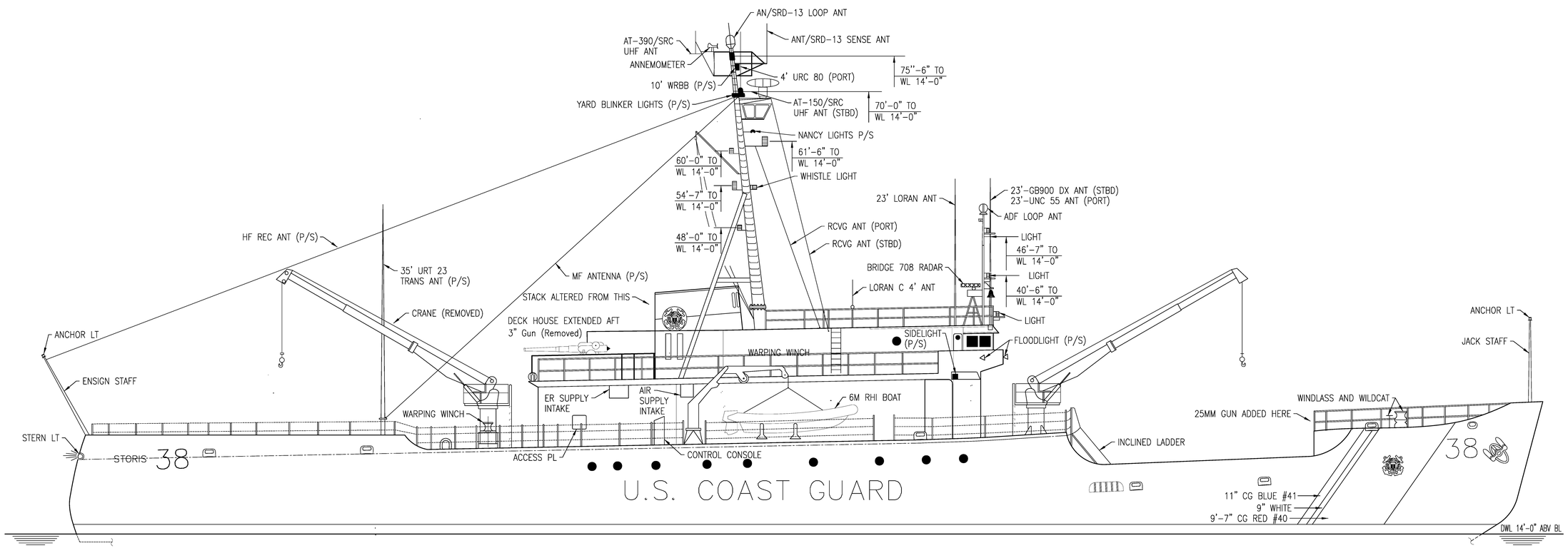
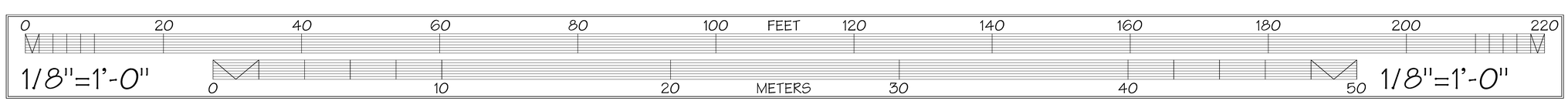
USCG Cutter STORIS

Kodiak, Alaska

Profile



Outboard Profile



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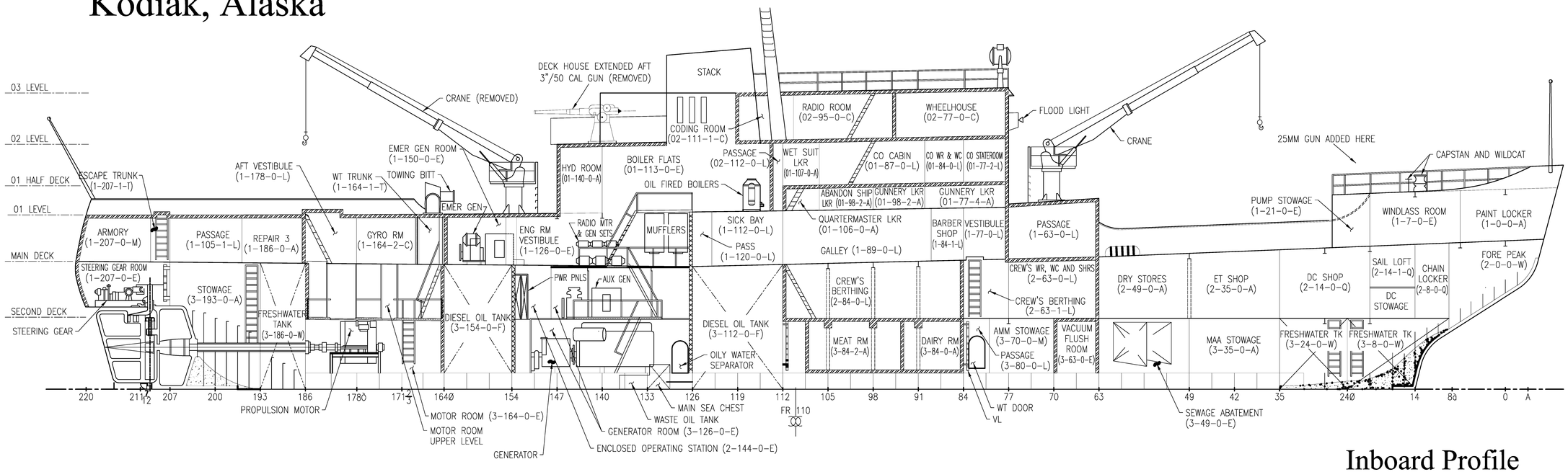
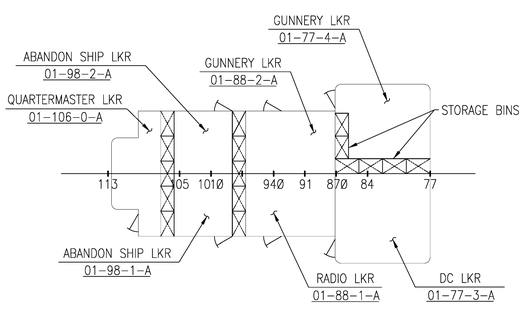
USCG Cutter STORIS

Kodiak, Alaska

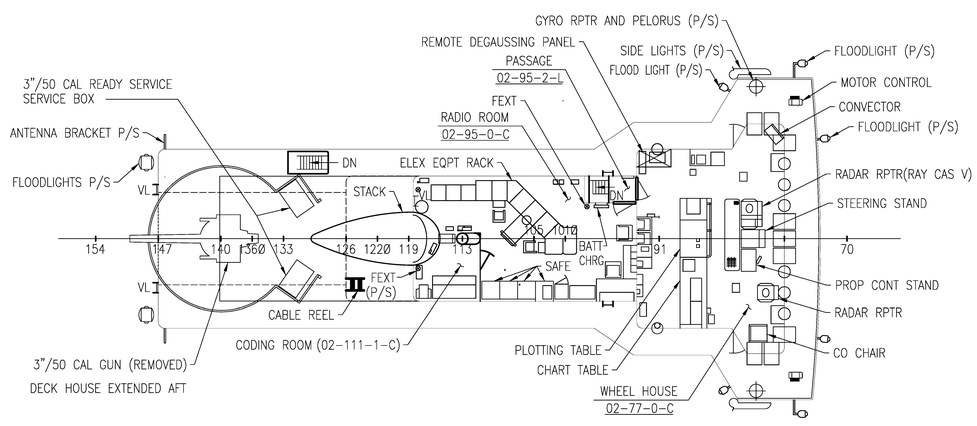
Inboard Profile/Upper Decks



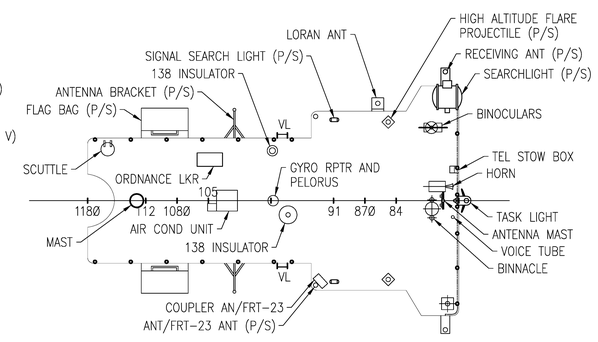
Inboard Profile



01 Half Deck



02 Deck



03 Deck

0 20 40 60 80 100 FEET 120 140 160 180 200 220

1/8"=1'-0" 0 10 20 METERS 30 40 50 1/8"=1'-0"

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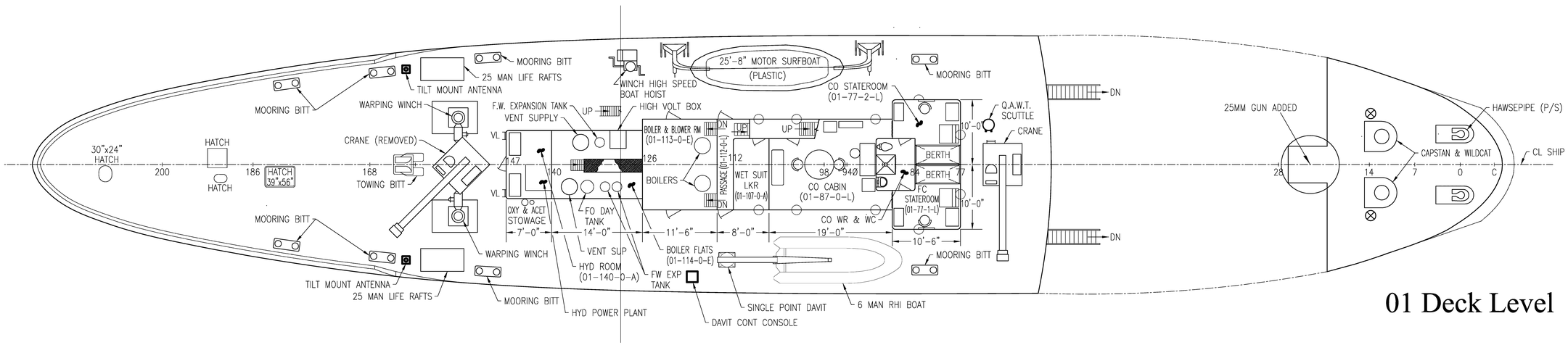
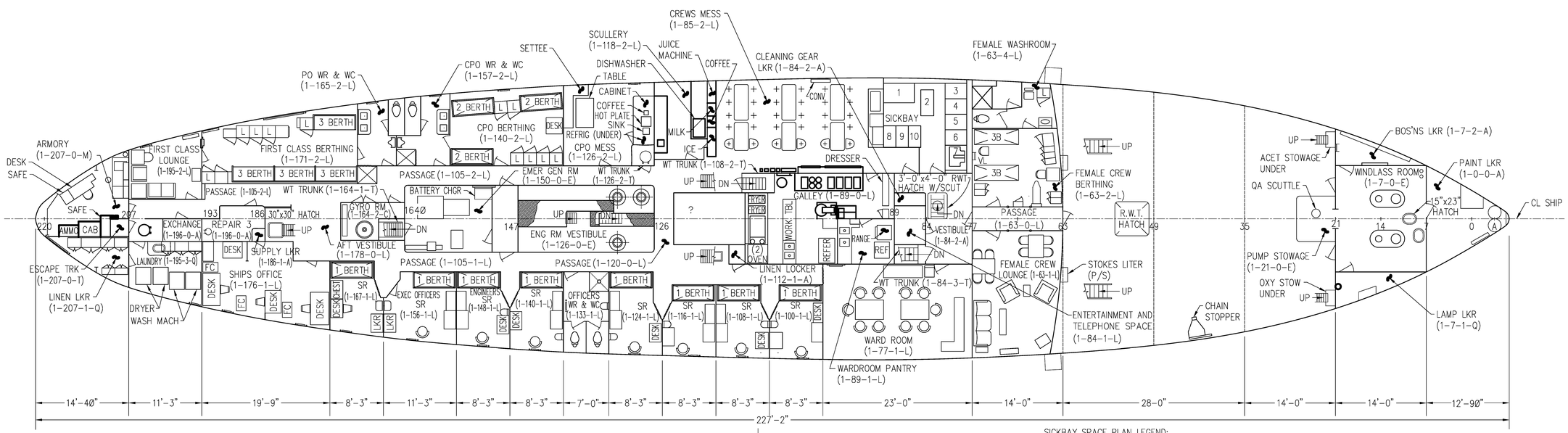
USCG Cutter STORIS

Kodiak, Alaska

Deck Plans

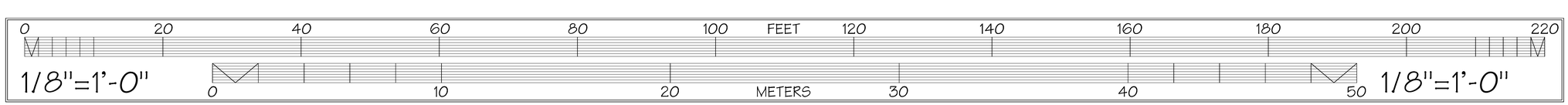


01 Deck Level



SICKBAY SPACE PLAN LEGEND:
1 – DESK
2 – EXAMINATION TABLE
3,4,5,6,8,9,10, – VIDMAR
7 – SINK

Main Deck



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KODIAK ISLAND COUNTY

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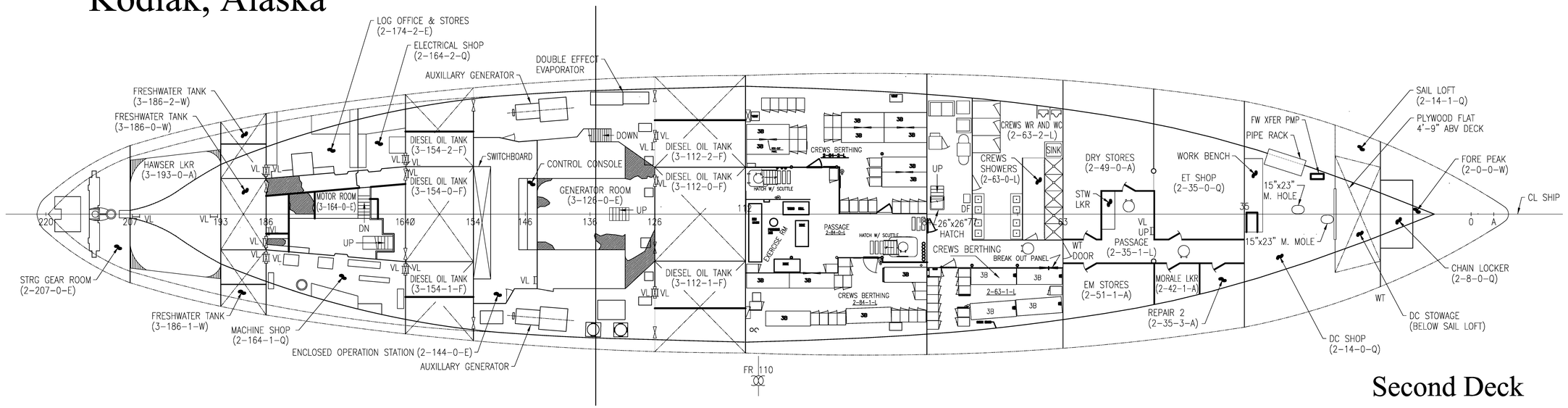
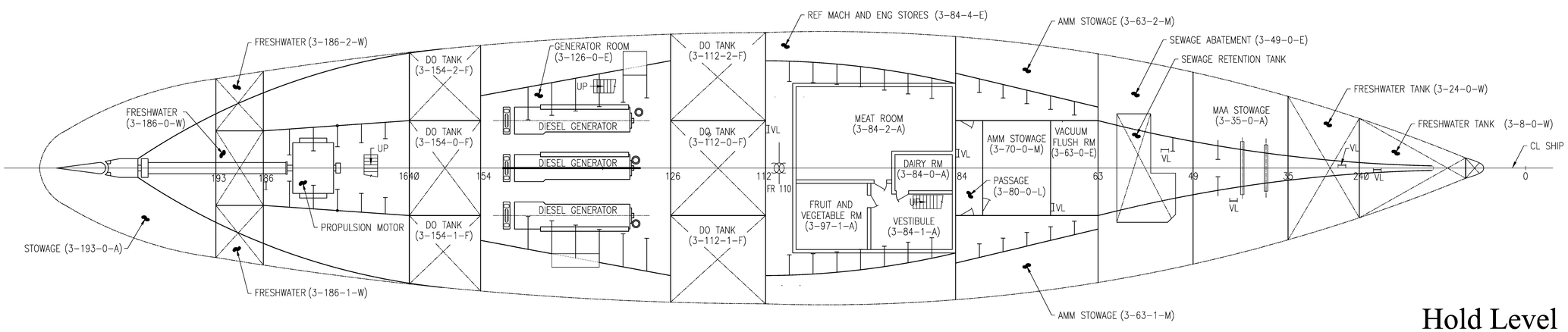
USCG Cutter STORIS

Kodiak, Alaska

Deck Plans



Second Deck



Hold Level

0 20 40 60 80 100 FEET 120 140 160 180 200 220

1/8"=1'-0"

0 10 20 METERS 30 40 50

1/8"=1'-0"

DELINEATED BY: SCANNED FROM USCG DRAWINGS AND REFORMATTED BY TODD A. CROTEAU, 2007

HAER MARITIME RECORDING PROGRAM
NATIONAL PARK SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

USCG CUTTER STORIS (WMEC-38) - 1942
US COAST GUARD STATION, WOMEN'S BAY
KODIAK ISLAND COUNTY
KODIAK

ALASKA

SHEET 13 OF 13

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